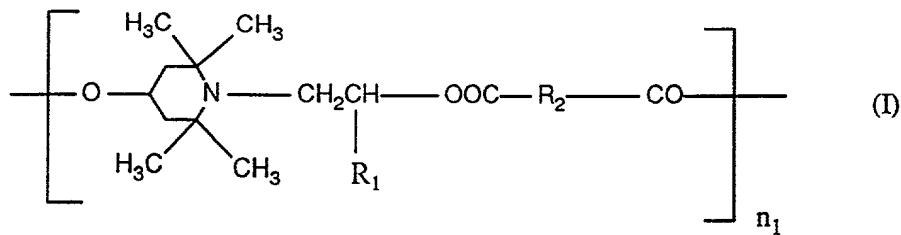


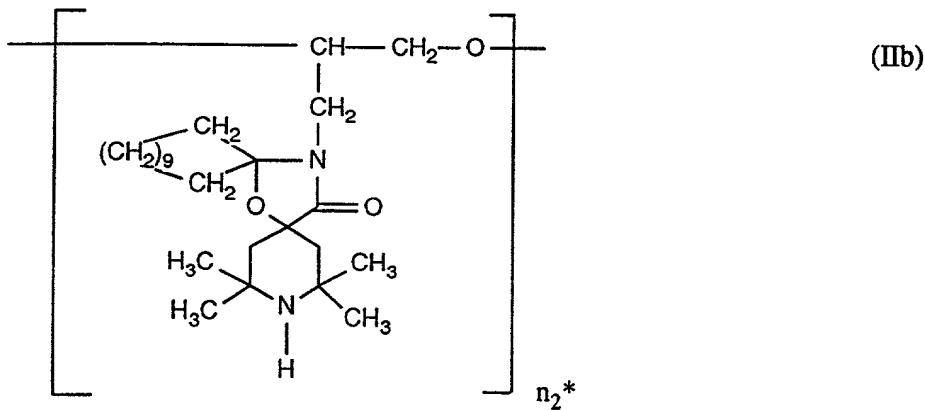
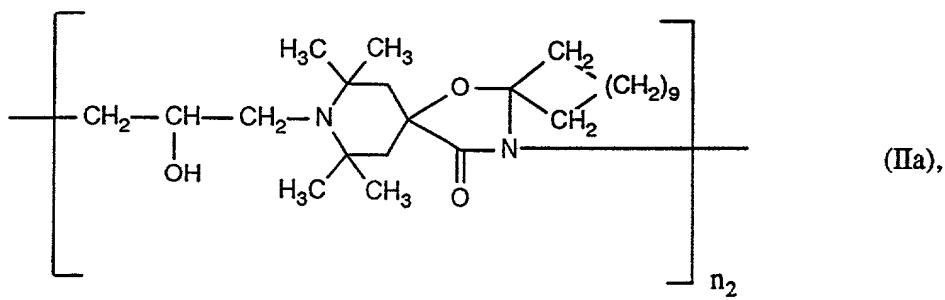
WHAT IS CLAIMED IS:

1. A stabilizer mixture comprising a component a) and a component b), c), d) or e), where component a) is at least one compound of the formula I



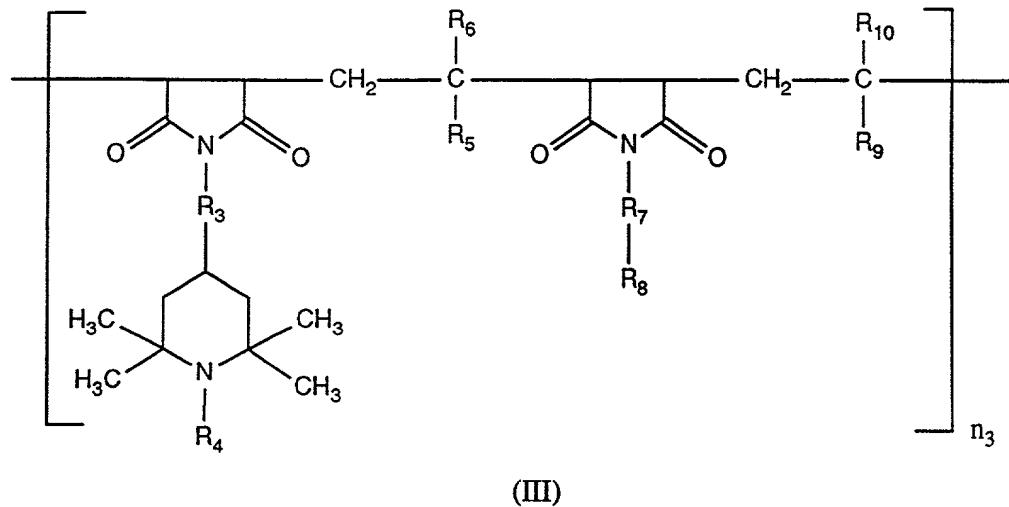
in which R<sub>1</sub> is hydrogen or methyl,  
R<sub>2</sub> is a direct bond or C<sub>1</sub>-C<sub>10</sub>alkylene and  
n<sub>1</sub> is a number from 2 to 50;

component b) is at least one compound of the formulae IIa and IIb



in which  $n_2$  and  $n_2^*$  are a number from 2 to 50;

component c) is at least one compound of the formula III



in which  $\text{R}_3$  and  $\text{R}_7$ , independently of one another, are a direct bond or an  $-\text{N}(\text{X}_1)\text{-CO-X}_2\text{-CO-N}(\text{X}_3)-$  group, where  $\text{X}_1$  and  $\text{X}_3$ , independently of one another, are hydrogen,  $\text{C}_1\text{-C}_8$ alkyl,  $\text{C}_5\text{-C}_{12}$ cycloalkyl, phenyl,  $\text{C}_7\text{-C}_9$ phenylalkyl or a group of the formula IV



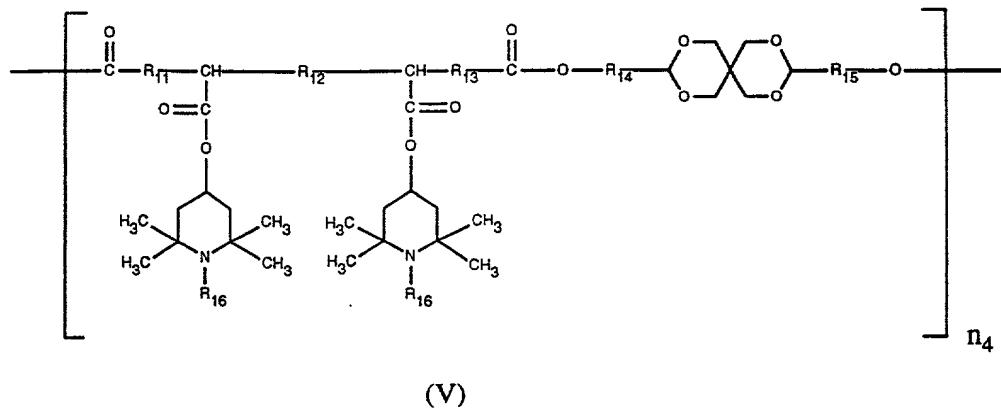
and  $\text{X}_2$  is a direct bond or  $\text{C}_1\text{-C}_4$ alkylene,

$\text{R}_4$  is hydrogen,  $\text{C}_1\text{-C}_8$ alkyl,  $\text{O}^\cdot$ ,  $-\text{CH}_2\text{CN}$ ,  $\text{C}_3\text{-C}_6$ alkenyl,  $\text{C}_7\text{-C}_9$ phenylalkyl,  $\text{C}_7\text{-C}_9$ phenylalkyl which is substituted by  $\text{C}_1\text{-C}_4$ alkyl on the phenyl radical, or  $\text{C}_1\text{-C}_8$ acyl,  $\text{R}_5$ ,  $\text{R}_6$ ,  $\text{R}_9$  and  $\text{R}_{10}$ , independently of one another, are hydrogen,  $\text{C}_1\text{-C}_{30}$ alkyl,  $\text{C}_5\text{-C}_{12}$ cycloalkyl or phenyl,

$\text{R}_8$  is hydrogen,  $\text{C}_1\text{-C}_{30}$ alkyl,  $\text{C}_5\text{-C}_{12}$ cycloalkyl,  $\text{C}_7\text{-C}_9$ phenylalkyl, phenyl or a group of the formula IV, and

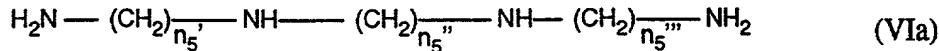
$n_3$  is a number from 1 to 50;

component d) is at least one compound of the formula V



in which  $R_{11}$ ,  $R_{12}$ ,  $R_{13}$ ,  $R_{14}$  and  $R_{15}$ , independently of one another, are a direct bond or  $C_1$ - $C_{10}$ alkylene,  $R_{16}$  is as defined for  $R_4$ , and  $n_4$  is a number from 1 to 50; and

component e) is a product obtainable by reacting a product, obtained by reacting a polyamine of the formula VIa with cyanuric chloride, with a compound of the formula VIb



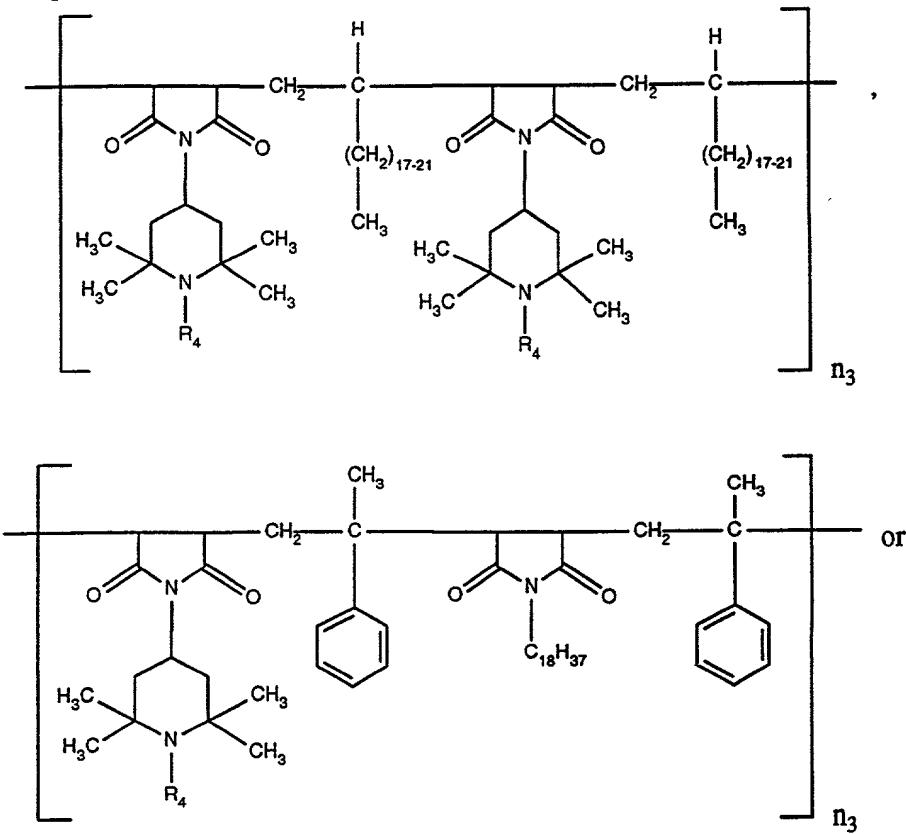
in which  $n_5'$ ,  $n_5''$  and  $n_5'''$ , independently of one another, are a number from 2 to 12,  $R_{17}$  is hydrogen,  $C_1$ - $C_{12}$ alkyl,  $C_5$ - $C_{12}$ cycloalkyl, phenyl or  $C_7$ - $C_9$ phenylalkyl, and  $R_{18}$  is as defined for  $R_4$ .

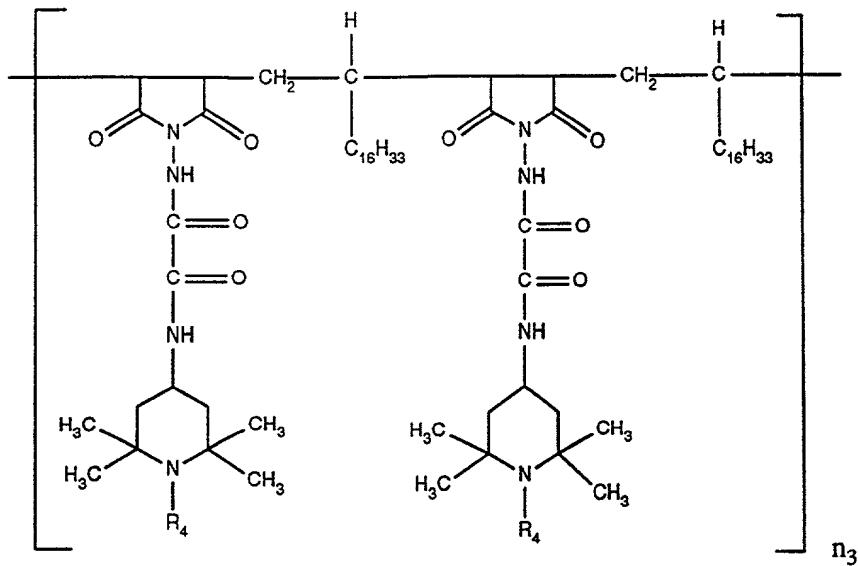
2. A stabilizer mixture according to claim 1, in which  $R_1$  is hydrogen,  $R_2$  is ethylene and  $n_1$  is a number from 2 to 25.

3. A stabilizer mixture according to claim 1, in which  $R_3$  and  $R_7$  are a direct bond or an  $-N(X_1)-CO-X_2-CO-N(X_3)-$  group, where  $X_1$  and  $X_3$ , independently of one another, are hydrogen or  $C_1$ - $C_4$ alkyl and  $X_2$  is a direct bond,  $R_4$  is hydrogen,  $C_1$ - $C_4$ alkyl, OH,  $C_6$ - $C_{12}$ alkoxy,  $C_5$ - $C_8$ cycloalkoxy, allyl, benzyl or acetyl,  $R_5$  and  $R_9$  are  $C_1$ - $C_{25}$ alkyl or

phenyl,  $R_6$  and  $R_{10}$  are hydrogen or  $C_1$ - $C_4$ alkyl,  $R_8$  is  $C_1$ - $C_{25}$ alkyl or a group of the formula IV,  $R_{11}$ ,  $R_{13}$ ,  $R_{14}$  and  $R_{15}$  are  $C_1$ - $C_4$ alkylene,  $R_{12}$  is a direct bond, and  $R_{16}$  is as defined for  $R_4$ .

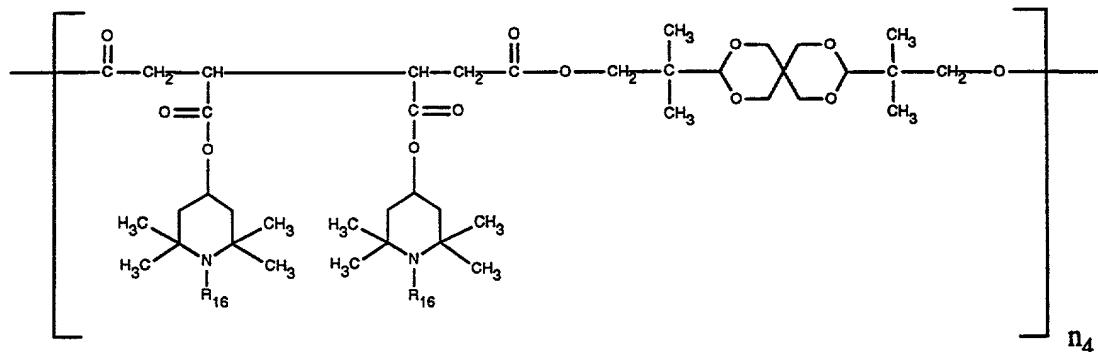
4. A stabilizer mixture according to claim 1, in which component c) is at least one compound of the formula





in which  $\text{R}_4$  is hydrogen or methyl, and  $n_3$  is a number from 1 to 50.

5. A stabilizer mixture according to claim 1, in which component d) is at least one compound of the formula



in which  $\text{R}_{16}$  is hydrogen or methyl, and  $n_4$  is a number from 1 to 50.

6. A stabilizer mixture according to claim 1, in which  $n_5'$ ,  $n_5''$  and  $n_5'''$ , independently of one another, are a number from 2 to 4,  $\text{R}_{17}$  is  $\text{C}_1\text{-C}_4$  alkyl, and  $\text{R}_{18}$  is hydrogen.

7. A stabilizer mixture according to claim 1, which comprises components a) and b).

8. A stabilizer mixture according to claim 1, which comprises components a) and c).

9. A stabilizer mixture according to claim 1, which comprises components a) and d).

10. A stabilizer mixture according to claim 1, which comprises components a) and e).

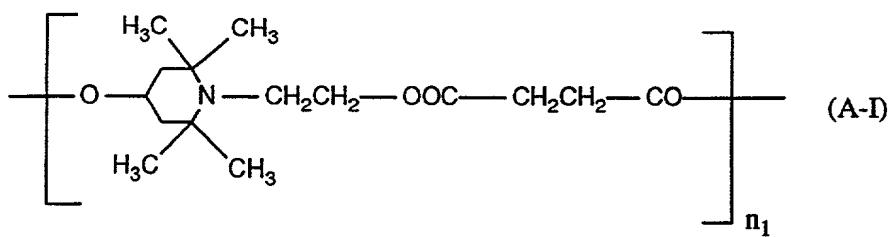
11. A composition comprising an organic material which is sensitive to oxidative, thermal or light-induced degradation and a stabilizer mixture according to claim 1.

12. A composition according to claim 11, in which the organic material is a polyolefin.

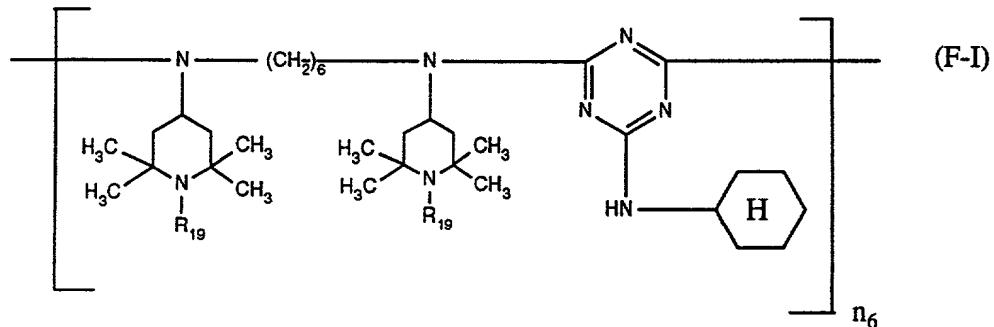
13. A composition according to claim 11, in which the organic material is polyethylene, polypropylene or a copolymer of polyethylene or polypropylene.

14. A process for stabilizing an organic material which is sensitive to oxidative, thermal or light-induced degradation, which comprises incorporating a stabilizer mixture according to claim 1 into the organic material.

15. A stabilizer mixture comprising a compound of the formula A-I,



in which  $n_1$  is a number from 2 to 25, and a compound of the formula F-I,



in which  $R_{19}$  is hydrogen,  $C_1-C_8$ alkyl,  $O^+$ ,  $-CH_2CN$ ,  $C_3-C_6$ alkenyl,  $C_7-C_9$ phenylalkyl,

$C_7-C_9$ phenylalkyl which is substituted by  $C_1-C_4$ alkyl on the phenyl radical, or  $C_1-C_8$ acyl, and  $n_6$  is a number from 2 to 25.